

In reply
refer to:

OFFICE OF THE POST MEDICAL INSPECTOR
STATION HOSPITAL

RMH:ml

721.5

Fort Huachuca, Arizona,
February, 1944.

SUBJECT: Monthly Sanitary Report.

TO : The Commanding Officer, Fort Huachuca, Arizona.
Thru: The Post Surgeon.

1. In compliance with par. 1c, AR 40-275, as amended by Section III, War Department Circular No. 114, dated June 13, 1941 and letter, The Surgeon General, file 721.5 subject as above, and War Department Circular Letter No. 76, file SPMCA, dated July 27, 1942, the following report on sanitary conditions of the command for the month of January, 1944 is submitted:

a. ENVIRONMENTAL SANITATION

(1) Water Supply:

Total water produced from wells - - - - -	51,056,000 Gals.
Max. water produced/day - - - - -	2,533,000
Min. water produced/day - - - - -	439,000
Average per day - - - - -	1,617,000
Total spring water (computed) - - - - -	5,239,000 Gals.
Average per day - - - - -	169,000
Total water produced on Post - - - - -	56,295,000 Gals.
Average per day - - - - -	1,815,967
Water used at Fry, Arizona - - - - -	271,430 Gals.
Water used at Laundry - - - - -	1,991,600
Average daily consumption - - - - -	87.72 gals/cap

(2) Sewage Disposal:

Plant No. 1

Maximum rate of flow - - - - -	1.298 MGD
Minimum rate of flow - - - - -	0.058 "
Total Sewage Treated:	
Maximum - - - - -	0.768 MGD
Minimum - - - - -	0.220 "
Average - - - - -	0.551 "
Suspended Solids:	
% removal (9 samples) - - - - -	81.62 %

Plant No. 2

Maximum rate of flow - - - - -	2.304 MGD
Minimum rate of flow - - - - -	0.144 MGD
Total Sewage Treated:	

Maximum	-----	1.125 MGD
Minimum	-----	0.381 MGD
Average	-----	0.791 MGD

Suspended Solids:

% removal (9 samples) ----- 87.12%

Chemicals have been used (copperas), but in order to reduce use of chlorine this treatment has been discontinued as of January 31, 1944. It is expected that suspended solids removal will be reduced to approximately 70%. This is considered sufficient treatment by this officer.

(3) Drainage:

Rock and mortar retaining walls and drains are being constructed by the Post Engineer and will improve the drainage materially.

(4) Garbage and Trash Disposal:

The edible garbage is being sold. Non-edible garbage is buried and is being handled in a satisfactory manner.

Combustible and non-combustible trash is being handled in the following manner:

Incinerator	-----	35%
Open dump (burned)	-----	65%

Steps are being taken by the Post Engineer to repair the damaged incinerator. This construction work will be studied and it is hoped operation will be started soon. The present open dump method is not satisfactory if this method is to be continued indefinitely.

(5) Housing:

Adequate.

(6) Rodent and Insect Control:

A cockroach control program is being instituted whereby the infestation of this pest can be brought under control. Sodium fluoride as issued by the Quartermaster is to be dusted and also spread in all mess halls and post exchanges now closed, due to absence of 92nd Division on maneuvers. The necessary men to carry out this program are to be supplied by Post Headquarters. Also it is expected that more attention will be given this phase of sanitation by all mess officers and mess sergeants.

Twelve barracks are to be fumigated with discoids by the Post Engineer in order to control bed bugs in these buildings.

(7) Mess Sanitation:

Weekly inspections are made by the Post Food Supervisor and each mess hall is graded. If an excellent rating is given a sign is permitted to be posted. This rating method tends to induce a competitive spirit and will develop good results.

(8) Other Conditions:

Milk is furnished by the Post Exchange Dairy and also from the Sunset Dairy in Tucson. The milk in both cases is pasteurized. It has been recommended and steps are being taken to obtain an additional boiler at the Post Dairy as the present boiler is old and has just been repaired by the Post Engineer. Another adequate boiler would alleviate the possibility of milk being delivered to military personnel that has not been properly pasteurized.

The Post Exchange is constructing a new slaughter house.

b. PERSONAL HYGIENE:

- (1) Physical Inspections - included in VD Control Officer's Report, which is attached.
- (2) Venereal Diseases - Report of VD Control Officer is attached.
- (3) General Physical Condition of Command - satisfactory
- (4) Immunizations -

<u>Small Pox</u>	<u>Typhoid</u>	<u>Tetanus</u>
10	19	48

c. UNDUE PREVALENCE OF ACUTE COMMUNICABLE DISEASES:

- (1) Respiratory
 - Common Cold - - - - - 131 cases
 - Mumps - - - - - 6 "
 - Pneumonia primary - - - - - 2 "
 - Measles - - - - - 1 case
 - German measles - - - - - 1 "
 - Tuberculosis - - - - - 1 "
- (2) Intestinal
 - Diarrhea - - - - - 1 case
- (3) Insect Borne:
 - None
- (4) Miscellaneous:
 - Acute catarrhal jaundice - - - - - 2 cases
 - Pneumonia atypical - - - - - 1 case
 - Malaria (Outside US) - - - - - 6 cases

d. NEW OR IMPROVED ADMINISTRATIVE MEASURES AND SANITARY APPLIANCES:

None.

e. NUTRITION OF TROOPS:

Report of Post Nutrition Officer is attached.

f. RECOMMENDATIONS:

None

Eugene M. Howell
EUGENE M. HOWELL,
Capt., Sanitary Corps,
Post Medical Inspector.

Incl: 43 copies

Bacteriological Examination of Water.